



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/852,663	05/11/2001	Kazuya Sakamoto	35.G2796	5099
5514	7590	11/15/2004	EXAMINER	
FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			GARCIA, GABRIEL I	
			ART UNIT	PAPER NUMBER
			2624	

DATE MAILED: 11/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/852,663	Applicant(s) SAKAMOTO, KAZUYA	
	Examiner Gabriel I Garcia	Art Unit 2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

Part III DETAILED ACTION

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Sun (5,247,623).

With regard to claim 1, Sun teaches a printer comprising: first connecting means for connecting a first interface (e.g. fig. 4, item 11); second connecting means for connecting a second interface (e.g. fig. 4, item 34); and control means (356) for causing, when a device ID request (e.g. col. 3, line 63 thru col. 4, line 44) from the first interface is received, said printer to enter a busy state (e.g. col. 4, lines 29-45) in which no data is received from the second interface and for releasing the busy

state when no data is received within a predetermined period of time (e.g. col. 3, line 63 thru col. 4, line 44).

With regard to claim 2, Sun further teaches a printing means for performing printing based on received data (e.g. fig. 4, and col. 1, lines 61-65).

With regard to claim 3, Sun further teaches wherein said printing means comprises an ink-jet printer (inherently reads on col. 1, lines 44-53).

With regard to claim 4, Sun further teaches a printer according to Claim 1. wherein the interfaces comprise a Centronics interface (reads on fig. 2, item DB-25 and/or fig. 4, item c-36).

With regard to claim 5, Sun further teaches wherein, when the device ID request from the first interface is received, said control means causes said printer to enter the busy state in which no data from the second interface is received, and when data is received within the predetermined period of time, said control means prints the received data and, after the printing is completed, said control means releases the busy state (e.g. col. 3, line 63 thru col. 7, line 7).

With regard to claims 6-11, the limitations of claims 6-11 are covered by the limitations of the claims 1-5 above, which teach the means and the steps to produce the limitations of claims

6-11. The steps described above, can be program and stored in the memory of the data source of Sun to produce the process code as claimed by the computer claims above.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. .

Takahashi (6,674,538) teaches an image reproduction system for reproducing a still image from a video tape.

Miura et al. (6,661,528) teaches image forming system including a first printer connected to a host computer and a second printer connected to a host computer via a switching device provided in the first printer. a method for making

Mori (6,070,000) teaches a printer having two interfaces to receive and send data.

Bendera et al. (5,791,790) teaches a method for providing print job buffering for a printer on a fast data path.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Gabriel I. Garcia** whose telephone number is (703) 305-8751. The Examiner can be reached from Monday through Thursday, from 7:30 am to 6:00 pm. The fax phone number for this group is (703) 872-9306.

Serial Number: 09/852,663


Art Unit: 2624 5

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Gabriel I. Garcia

Primary Examiner

October 31, 2004



GABRIEL GARCIA
PRIMARY EXAMINER